



FortiProxy 4000E

QuickStart Guide

Register for Support

Register your Fortinet product to receive:

- Technical Support
- New product features
- Protection from new threats

Vous devez enregistrer le produit pour recevoir:

- Support technique
- Nouvelles fonctionnalités du produit
- Protection contre de nouvelles menaces

La reistrazione ti permette di usufruire di:

- Supporto Tecnico
- Nuove funzionalità
- Protezione dalle ultime minacce

Debe registrar el producto para recibir:

- Apoyo técnico
- Nuevas funcionalidades del producto
- Protección contra ataques

登録のお願い

本日、フォーティネット製品の登録をしてください。

登録すると次のメリットがあります。

テクニカルサポート • 新機能の追加 • 新しい脅威への防御

请马上注册

您的飞塔产品

您在注册以后才能得到技术支持、新产品特点信息、最新威胁防护



May 05, 2022

45-100-478166-20220505

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<https://support.fortinet.com>

Toll free: 1 866 648 4638

Phone: 1 408 486 7899

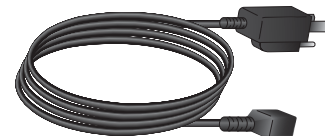
Fax: 1 408 235 7737

Email: register@fortinet.com

Box Includes



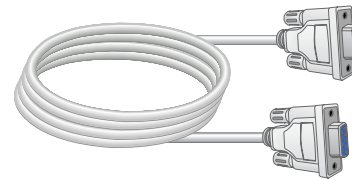
FortiProxy 4000E



2 Power Cables



QuickStart Guide



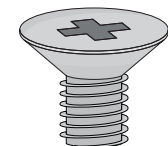
Console Cable



Ethernet Cable

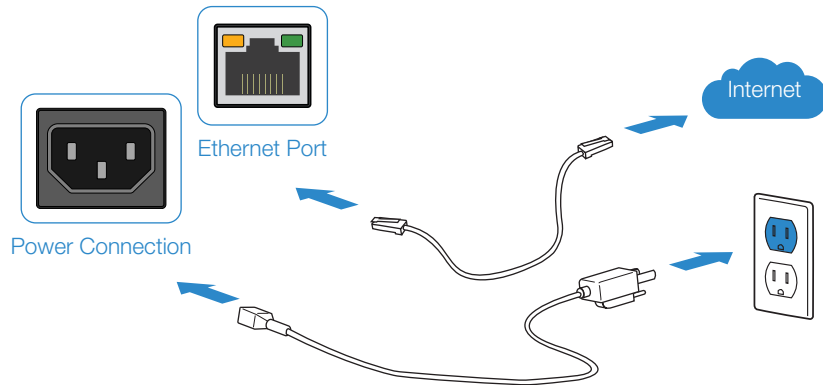


Rail Mount Kit



12 Rail Screws

1 Basic Connections



Connect your device to a [power outlet](#) and an [Internet connection](#). This is usually a modem, but could also be another device on your network.

2 Setup Options

A

Web Browser

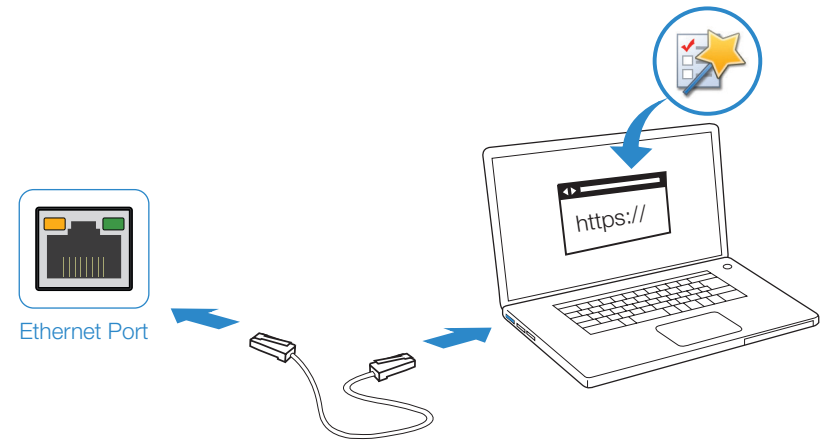
Setup Wizard (p.7)

B

Terminal Emulation

With console cable (p.8)

A Web Browser



To Connect to the GUI

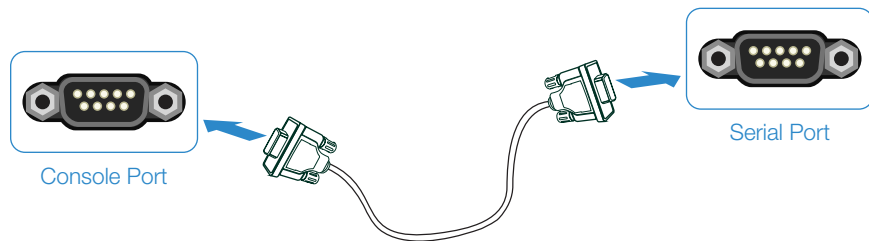
1. Connect the [Ethernet cable](#) to [Port1](#).
2. Configure the management computer to be on the same [subnet](#) as the internal interface as the FortiProxy unit:

IP address: 192.168.1.XX

Netmask: 255.255.255.0

3. Visit <https://192.168.1.99> in your web browser.
4. Login using username "[admin](#)" and [no password](#).
5. [Configure your device](#) and save your settings.
6. [Register your device](#) from the dashboard page.

B Terminal Emulation



To Connect to the CLI

1. Connect the device's **console port** to the management computer using the provided **console cable**.
2. Start a **terminal emulation program** on the management computer, select the **COM port**, and use the following settings:

Baud Rate: 9600
Data bits: 8
Parity: None
Stop bits: 1
Flow Control: None

3. Press **Enter** on your keyboard to **connect to the CLI**.
4. Login using username "**admin**" and no password. You can now proceed with configuring your device.

3 Installation

The FortiProxy unit can be mounted in any standard **19 inch rack** unit with the provided mounting hardware.

Please read "Cautions and Warnings" on page 14 prior to installing your device.

Caution: Electrostatic discharge (ESD) can damage your Fortinet equipment.

To avoid personal injury or damage to the unit, it is recommended that two or more people install the unit into the rack.

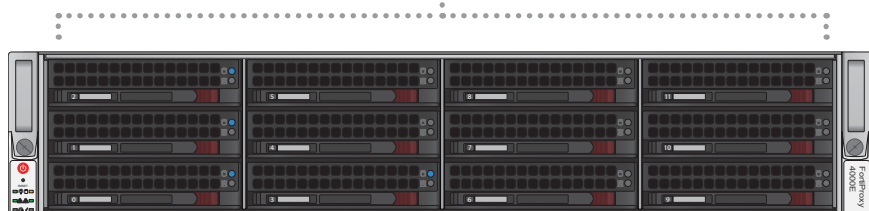
Do not place heavy objects on the unit.

1. Using the supplied hardware, attach the **inner slide rails** to each side of the unit. Align the two, **square holes** on each rail to the **hooks** on the sides of the unit. Securely attach the rail to the unit using M4 flat head **screws**.
2. Attach the **outer slide rails** to the rack.
Keep the **sliding rail guides** facing into the rack and screw the assembly securely to the rack using the provided brackets. Ensure that both rails are at the same **height**.
3. Ensure there is enough **room** around the unit to allow for sufficient **air flow**.
4. Slide the unit into your equipment rack using **equal pressure** on both sides. You may have to depress the **locking tabs** when inserting the unit. When the unit has been completely pushed into the rack, the **locking tabs** should **click** into place.
5. Plug the supplied **power cables** into the rear of the unit and then into **grounded electrical outlets** or a separate power sources, such as **uninterruptible power supplies** (UPS) or a **power distribution units** (PDU).

Note: Each power cable should be connected to a different power source. In this way, if one power source fails, the other may still be operational and the unit will not lose power.

HDD 1 - 12

Four 2TB hard disk drives in slots 0 to 3



Power Button



Ethernet Ports 1 - 4 (RJ-45)

Gigabit Ethernet network connections

Power

100-240V AC, 9.8-5A, 50/60Hz
Redundant power supplies

SFP Ports 5 - 6

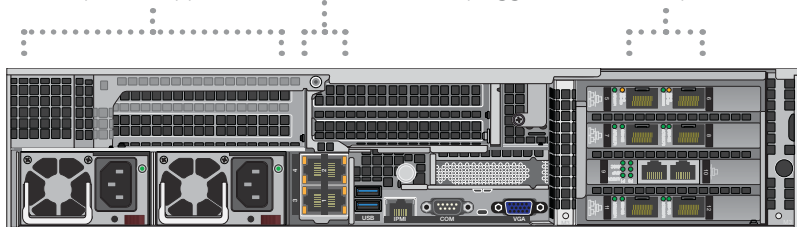
1Gbps small form-factor
pluggable transceiver ports

Ethernet Ports 9 - 10 (RJ-45)

Gigabit Ethernet network connections
with bypass function

SFP+ Ports 7 - 8 & 11 - 12

10Gbps small form-factor
pluggable transceiver ports



VGA Port

Not in use

Console Port (DB-9)

Optional connection to the management computer
Provides access to the CLI

USB Ports (USB A)

Not in use

IPMI Port (RJ-45)

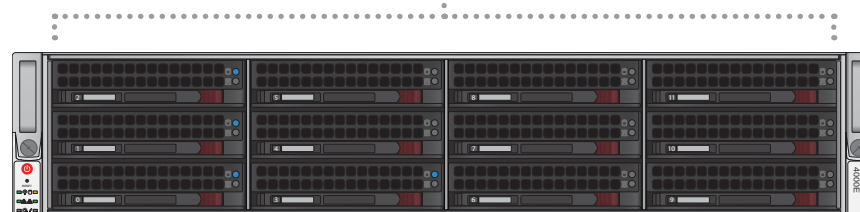
Not in use

Hard Disk Activity

- Blue: Hard disk detected
- ⚡ Flashing Blue: Hard disk activity
- Off: No hard disk detected

Hard Disk Status

- Red: Disk has failed or is being rebuilt
- Off: Disk operating normally



Power

- Green: Power supply normal
- Off: Power supply disconnected

Ethernet Ports

- Green: Connected
- ⚡ Flashing Green: Transmitting & receiving data
- Off: No link established

Power Failure

- Red: Power supply failure
- Off: Power supply normal

Hard Disks

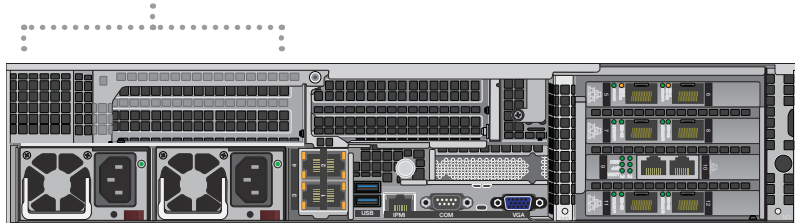
Not in use

Information

- Red: Overheat condition has occurred
- ⚡ Flashing Red (1Hz): Fan failure
- ⚡ Flashing Red (0.25Hz): Power failure
- Off: System normal

Power

- Green: Running normally
- Amber: Power loss
- ☀ Flashing Amber: Power supply temperature has reached 63°C
- Off: Power is not connected



Ethernet Ports Speed

- Amber: Connected at 1Gbps
- Green: Connected at 100Mbps
- Off: Connected at 10Mbps or not in use

Ethernet Ports Link/Activity

- ☀ Flashing Amber: Transmitting & receiving data
- Off: No link established

Ethernet Ports Link/Activity

- Green: Link established
- ☀ Flashing Green: Transmitting & receiving data
- Off: No link activity

Ethernet Ports Bypass

- Green: Bypass mode enabled
- Off: Bypass mode disabled

Ethernet Ports Disconnect

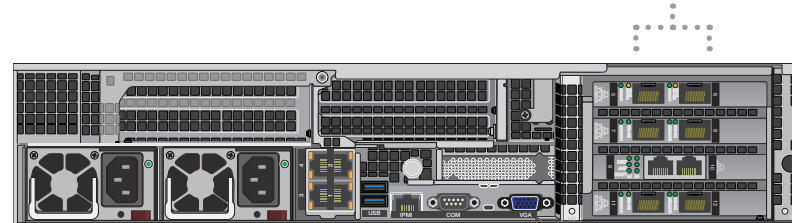
- Green: Disconnect mode enabled
- Off: Disconnect mode disabled

SFP Ports Speed

- Amber: Connected at 1Gbps
- Green: Connected at 10/100Mbps
- Off: Not connected

SFP Ports Link/Activity

- Green: Link established
- ☀ Flashing Green: Transmitting & receiving data
- Off: No link activity



SFP+ Ports Speed

- Green: Connected at 10Gbps
- Off: Not connected

SFP+ Ports Link/Activity

- Green: Link established
- ☀ Flashing Green: Transmitting & receiving data
- Off: No link activity

Cautions and Warnings

Environmental Specifications

Ambient operating temperature: 0°C to 40°C

Rack Mount Instructions - The following or similar rack-mount instructions are included with the installation instructions:

Instructions de montage en rack - Les instructions de montage en rack suivantes ou similaires sont incluses avec les instructions d'installation:

Elevated Operating Ambient - If installed in a closed or multi-unit rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient. Therefore, consideration should be given to installing the equipment in an environment compatible with the maximum ambient temperature (Tma) specified by the manufacturer.

Température ambiante élevée – S'il est installé dans un rack fermé ou à unités multiples, la température ambiante de fonctionnement de l'environnement du rack peut être supérieure à la température ambiante de la pièce. Par conséquent, il est important d'installer le matériel dans un environnement respectant la température ambiante maximale (Tma) stipulée par le fabricant.

Reduced Air Flow - Installation of the equipment in a rack should be such that the amount of air flow required for safe operation of the equipment is not compromised.

Ventilation réduite – Installation de l'équipement dans un rack doit être telle que la quantité de flux d'air nécessaire au bon fonctionnement de l'équipement n'est pas compromise.

Mechanical Loading - Mounting of the equipment in the rack should be such that a hazardous condition is not achieved due to uneven mechanical loading. Chargement Mécanique – Montage de l'équipement dans le rack doit être telle qu'une situation dangereuse n'est pas lié à un chargement mécanique inégal.

Circuit Overloading - Consideration should be given to the connection of the equipment to the supply circuit and the effect that overloading of the circuits might have on overcurrent protection and supply wiring. Appropriate consideration of equipment nameplate ratings should be used when addressing this concern.

Surterension – Il convient de prendre l'ensemble des précautions nécessaires lors du branchement de l'équipement au circuit d'alimentation et être particulièrement attentif aux effets de la suralimentation sur le dispositif assurant une protection contre les courts-circuits et le câblage. Ainsi, il est recommandé de tenir compte du numéro d'identification de l'équipement.

Reliable Earthing - Reliable earthing of rack-mounted equipment should be maintained. Particular attention should be given to supply connections other than direct connections to the branch circuit (e.g. use of power strips).

Fiabilité de la mise à la terre- Fiabilité de la mise à la terre de l'équipement monté en rack doit être maintenue. Une attention particulière devrait être accordée aux connexions d'alimentation autres que les connexions directes au circuit de dérivation (par exemple de l'utilisation de bandes de puissance).

Refer to specific Product Model Data Sheet for Environmental Specifications (Operating Temperature, Storage Temperature, Humidity, and Altitude)

Référez à la Fiche Technique de ce produit pour les caractéristiques environnementales (Température de fonctionnement, température de stockage, humidité et l'altitude).

Safety

Battery – Risk of explosion if the battery is replaced by an incorrect type. Do not dispose of batteries in a fire. They may explode. Dispose of used batteries according to your local regulations. IMPORTANT: Switzerland: Annex 4.10 of SR814.013 applies to batteries.

Batterie – Risque d'explosion si la batterie est remplacée par un type incorrect. Ne jetez pas les batteries au feu. Ils peuvent exploser. Jetez les piles usagées conformément aux réglementations locales. IMPORTANT: Suisse: l'annexe 4.10 de SR814.013 s'appliquent aux batteries.

警告
本電池如果更換不正確會有爆炸的危險
請依製造商說明書處理用過之電池

CAUTION: Shock Hazard. Disconnect all power sources.
ATTENTION: Risque d'électrocution. Débranchez toutes les sources d'alimentation.

Caution: Slide/rail mounted equipment is not to be used as a shelf or a work space.
Attention: Un équipement monté sur bâti ne doit pas être utilisé sur une étagère ou dans un espace de travail. Warning: Stability hazard.
Aviso: Perigo de estabilidade.

The rack may tip over causing serious personal injury.
O rack pode tombar causando ferimentos graves.

Before extending the rack to the installation position, read the installation instructions.
Antes de estender o rack para a posição de instalação, leia as instruções de instalação.

Do not put any load on the slide-rail mounted equipment in the installation position.
Não coloque nenhuma carga no equipamento montado em trilho deslizando na posição de instalação.

Do not put any load on the slide-rail mounted equipment in the installation position.
Não coloque nenhuma carga no equipamento montado em trilho deslizando na posição de instalação.

Do not leave the slide-rail mounted equipment in the installation position.
Não deixe o equipamento montado em trilho deslizando na posição de instalação.

Regulatory Compliance

Federal Communication Commission (FCC) – USA

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received; including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy, and if it is not installed and used in accordance with the instruction manual, it may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case the user will be required to correct the interference at his own expense.

WARNING: Any changes or modifications to this product not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Industry Canada Equipment Standard for Digital Equipment (ICES) – Canada

CAN ICES-003 (A) / NMB-003 (A)

This digital apparatus does not exceed the Class A limits for radio noise emissions from digital apparatus set out in the Radio Interference Regulations of the Canadian Department of Communications.

Cet appareil numérique n'émet pas de bruits radioélectriques dépassant les limites applicables aux appareils numériques de la classe A prescrites dans le Règlement sur le brouillage radioélectrique édicté par le ministère des Communications du Canada.

European Conformity (CE) - EU

This is a Class A product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.



Voluntary Control Council for Interference (VCCI) – Japan

この装置は、クラスA機器です。この装置を住宅環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。
V C C I – A

Product Safety Electrical Appliance & Material (PSE) - Japan

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Bureau of Standards Metrology and Inspection (BSMI) – Taiwan

這是甲類的資訊產品，在居住的環境中使用時，可能會造成射頻干擾，在這種情況下，使用者會被要求採取某些適當的對策。

The presence conditions of the restricted substance (BSMI RoHS table) are available at the link below:
限用物質含有情況表 (RoHS Table) 請到以下 網址下載：
<https://www.fortinet.com/bsmi>

China

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Korea Certification (KC) – Korea

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Version 2.1, February 1999

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